

## DYNAMIC SPLINT FOR CARPAL TUNNEL SYNDROME TREATMENT

10/020,625

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## CROSS-REFERENCES TO RELATED APPLICATIONS

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11/17/04

This application is a 371 of PCT/US00/24791, filed 09/05/00  
which claims benefit of

following: U. S. Patent Application Ser. No. 09/391,577,  
filed on September 8, 1999; U. S. Provisional Patent

- 10 Application Ser. No. 60/227,225, filed on August 23,  
2000.

## TECHNICAL FIELD

- 15 This invention relates generally to medical therapeutic devices for treating and curing functional disorders of the carpal area of the arm. More particularly, the present invention provides a splint for providing dynamic pressure to the transverse carpal, volar carpal, and intra carpal ligaments, tending to relieve contractures of the ligaments and thus relieving the pain and correcting altered kinematics associated with carpal tunnel syndrome (CTS) by increasing the carpal volume, while providing free movement of the patient's wrist with minimal impediment during activities of daily living. Additionally, the device provides optional adjustable resistance in either direction for